INTRODUCTION

Attached is Supplement three for service manual 16009485. This Maytag Washer Service Manual supplement covers ***Atlantis III Models***. We suggest you file this with your 16009485 Manual for reference.

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To locate an authorized servicer, please consult your telephone book or the dealer from whom you purchased this product. For further assistance, please contact:

Customer Service Support Center

CAIR Center

Web Site	Telephone Number
WWW.AMANA.COM	1-800-843-0304
WWW.JENNAIR.COM	1-800-536-6247
WWW.MAYTAG.COM	1-800-688-9900
CAIR Center in Canada	1-800-688-2002
Amana Canada Product	1-866-587-2002

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Section 1. Product Definition:

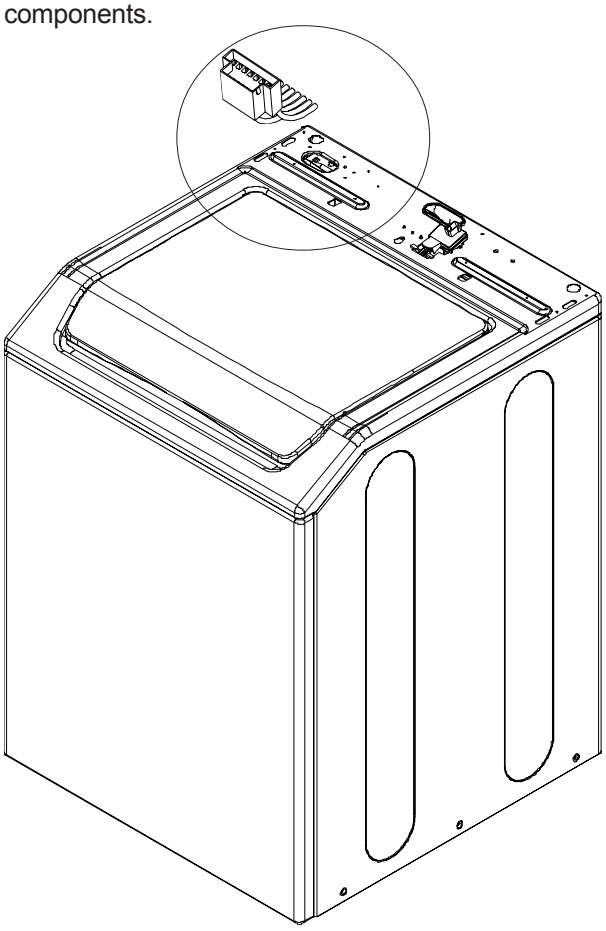
The Atlantis III is similar to previous Atlantis washer models, with the following exceptions:

- The Control Wire Harness has a connector which allows removal of the entire Console Assembly from the cabinet.
- Automatic Temperature Control. The incoming water temperature is controlled by 2 thermostats attached to the Injector Assembly.
- A new non-serviceable water pump.

Section 2. Console

Disassembly and Testing

The Console Assembly has been designed to allow full removal of the console from the cabinet via a plug added to the wiring harness. This feature will also aid in performing diagnostic tests to the various components.



Motor Resistance

Main Winding

Attach Ohm Meter leads to WH 9 and BK 32 2 ohms.

Start Winding

Attach Ohm Meter leads to BR 21 and RD 22 4 ohms.

Centrifugal Switch

Attach Ohm Meter leads to BK 32 and OR 31 .5 ohms.

Overload

Attach Ohm Meter leads to WH 9 and YL M .5 ohms.

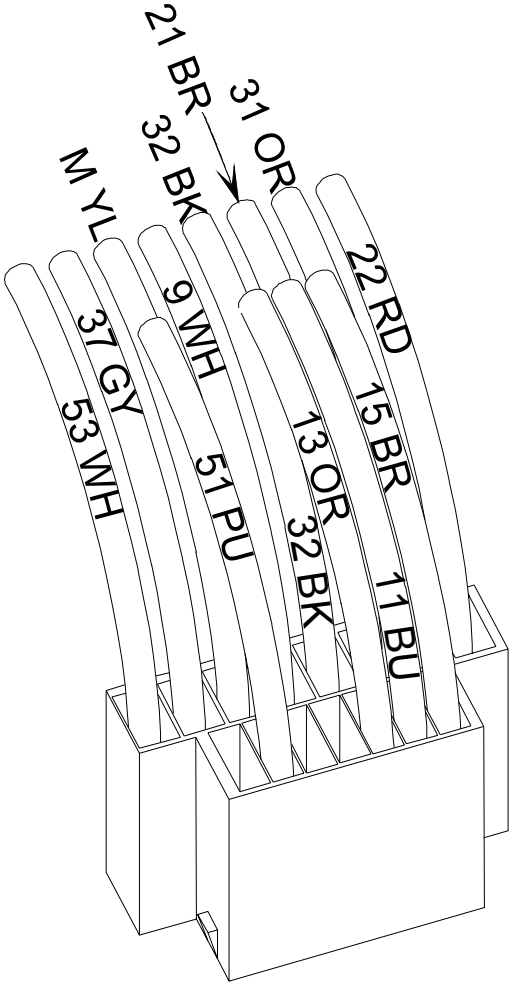
Water Valves

Hot

Attach Ohm Meter leads to OR 13 and BR 15 1 ohm.

Cold

Attach Ohm Meter leads to BU 11 and BR 1 ohm.



Lower harness shown from wire insertion side

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Section 3. Automatic Temperature Control

ATC Functionary

The nozzle of the water valve directs the incoming water over two thermostats mounted onto the upper injector assembly. One of the thermostats controls the cold water valve, and the other controls the hot water valve.

When ATC cold wash is selected:
The cold water valve is opened for full cold fill. If the incoming water temperature is below approximately 65°F, the hot water valve will open and warm the incoming water. The hot water valve will continue to cycle on and off maintaining optimum cold water temperature until the tub is full. The target water temperature for a cold wash is 70°F to 80°F.

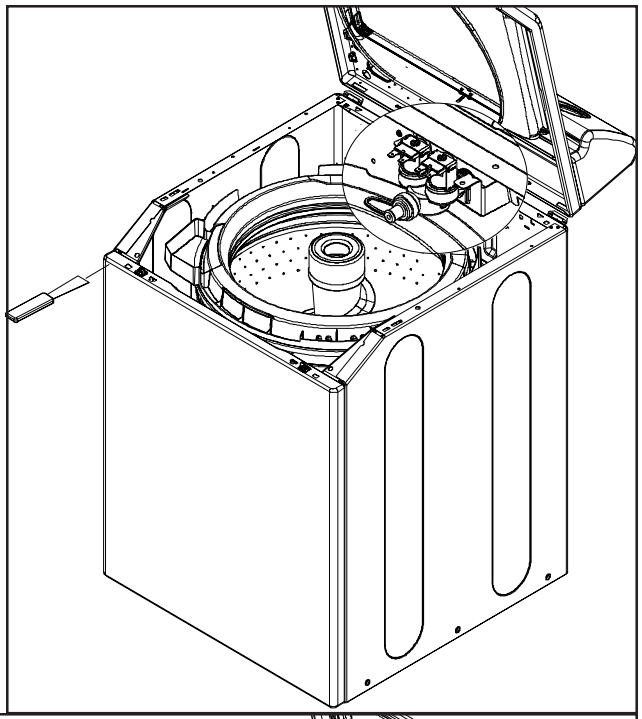
When ATC warm wash is selected:
The hot water valve is opened for full hot fill. If the incoming water temperature is above approximately 100°F, the cold water valve will open and cool the incoming water. The cold water valve will continue to cycle on and off maintaining optimum warm water temperature until the tub is full. The target water temperature for a warm wash is 90°F to 100°F.

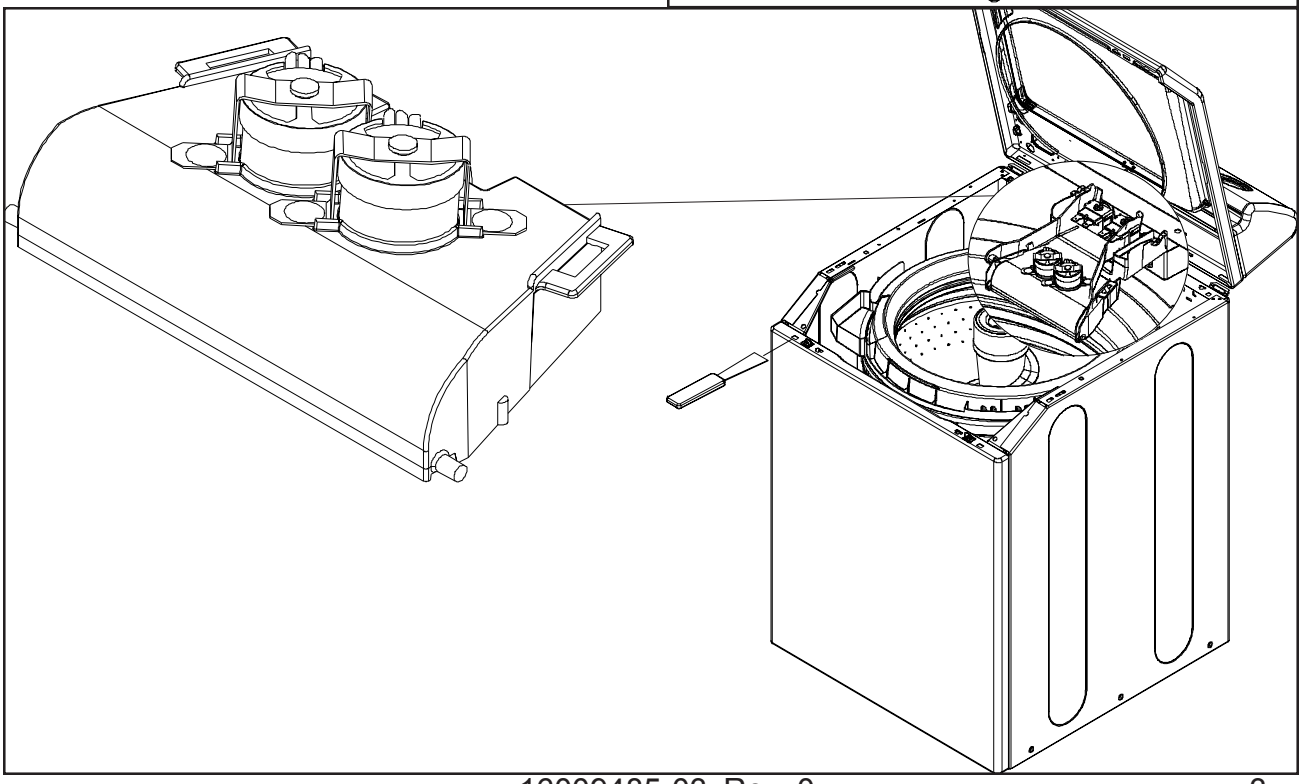
ATC is not active during rinse or hot wash.

Section 4. Water Valves

Water Valve Access

Water valve access is gained by lifting the top assembly. The water valve is located just behind the Automatic Temperature Control Assembly and mounted to the back cabinet wall. To remove the water valve. Disconnect water lines and remove one screw on the left side of the water valve mounting bracket. Slide bracket to the left and remove.

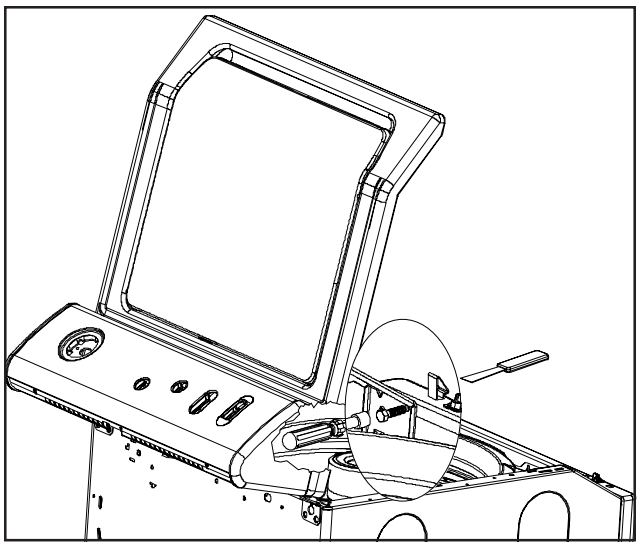




Section 5. Front Removal

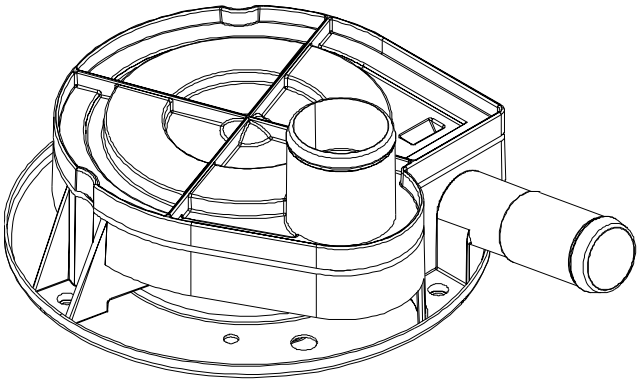
Procedure

Lift Top Assembly by releasing spring clips between top and front panel. Use a plastic putty knife to disengage clip. Lift top and remove top screws through the back of the Front Panel. There are two spring clips a screws one each side.



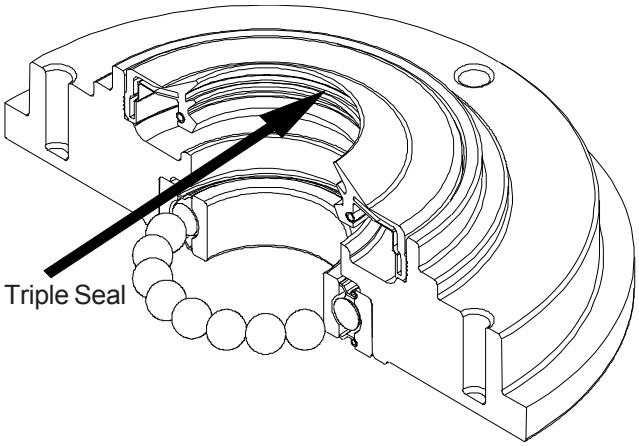
Section 6. Pump Assembly

Atlantis washers use a new pump assembly which will be totally replaced should it require repair. A pump kit will be available containing the entire pump assembly.



Section 7. Tub Seal and Bearing

The Allantis III Seal and Bearing are unique and are matched to the duel drive high torque transmission, used on this washer. When replacing the seal and bearing, order parts specific to the Atlantis III washer. The seal and bearing used on older models will not fuction properly. The seal kit will also be supplied with the replacement transmission assembly if it is necessary to install a new one.



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